

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101821\
 Data File : VD070735.D
 Acq On : 18 Oct 2021 17:40
 Operator : VA/SY
 Sample : M4256-02
 Misc : 5.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 454BASIN-20211014

Quant Time: Oct 19 06:41:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101521S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 18 08:32:03 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	408788	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	809920	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	753524	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	298359	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	269624	55.687	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.380%
35) Dibromofluoromethane	7.914	113	267375	51.557	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.120%
50) Toluene-d8	10.338	98	1060664	53.354	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.700%
62) 4-Bromofluorobenzene	12.620	95	309255	45.179	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	90.360%

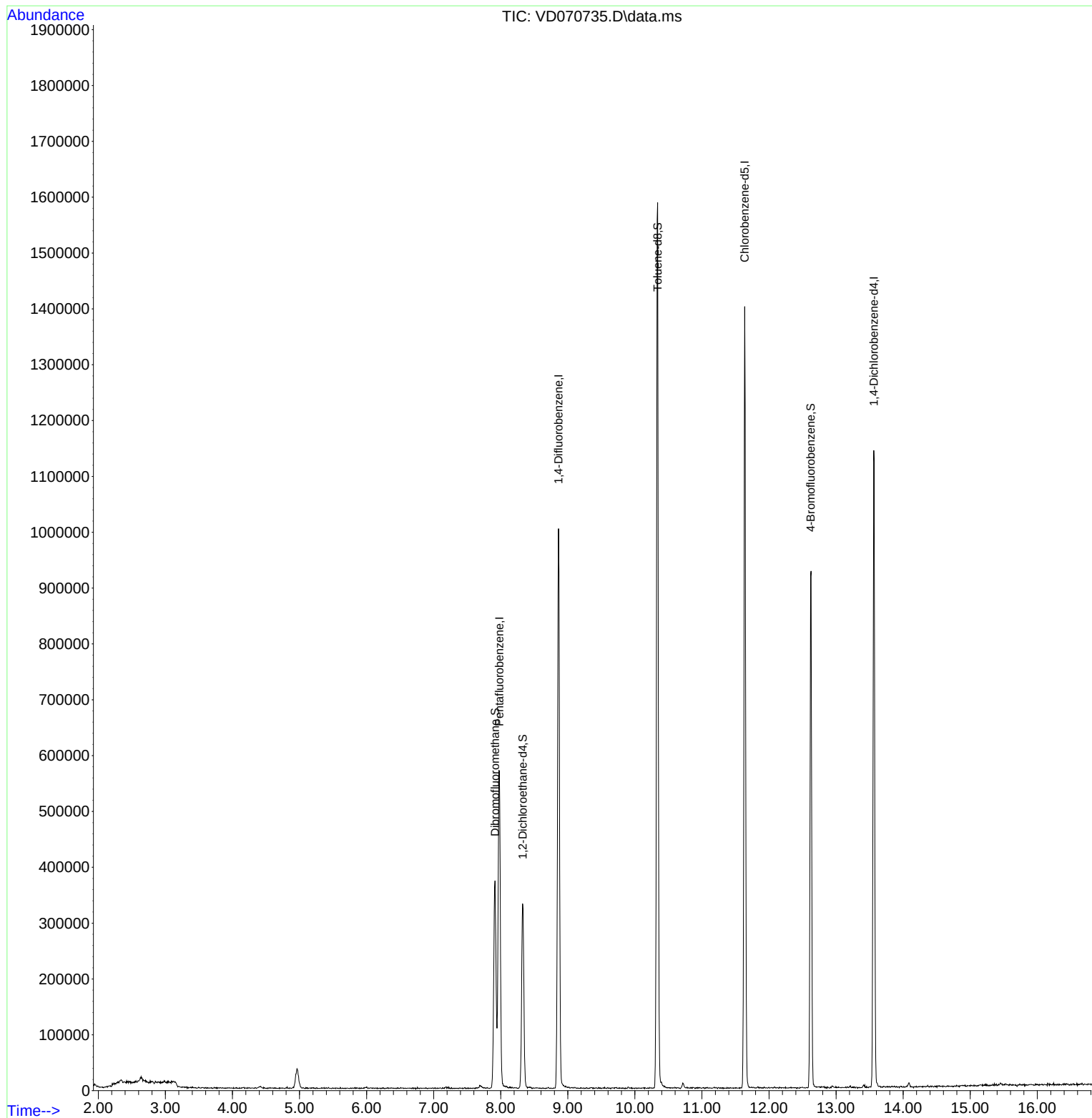
Target Compounds	Qvalue

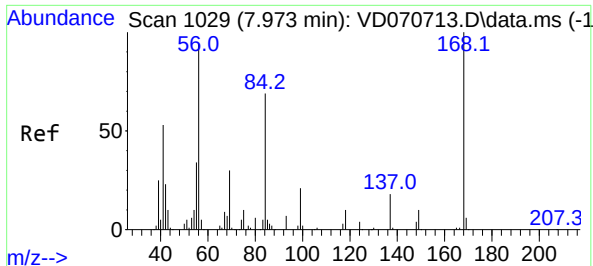
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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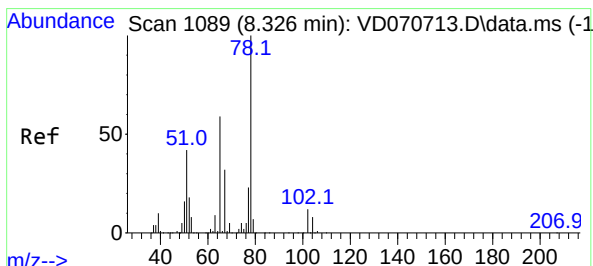
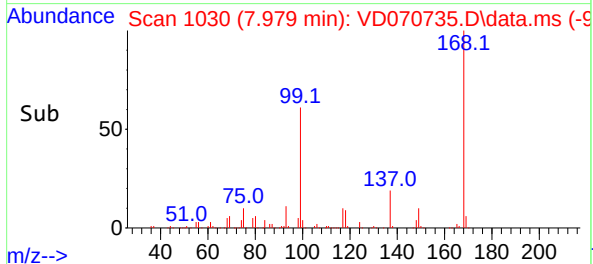
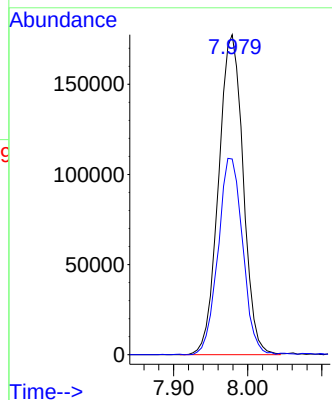
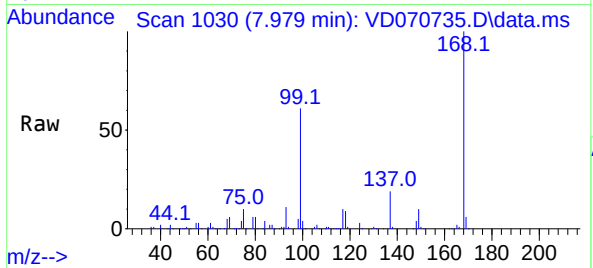




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VD070735.D
Acq: 18 Oct 2021 17:40

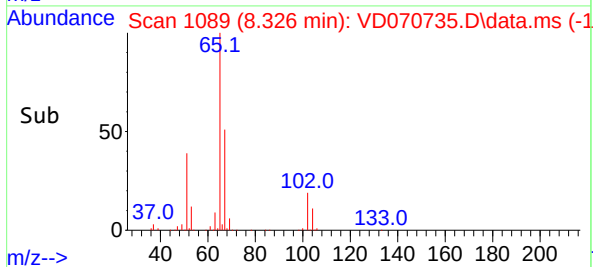
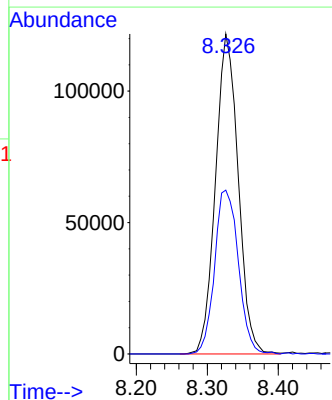
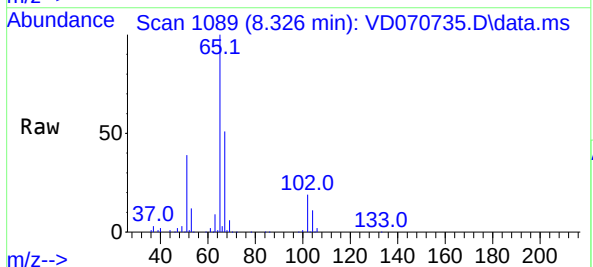
Instrument :
MSVOA_D
ClientSampleId :
454BASIN-20211014

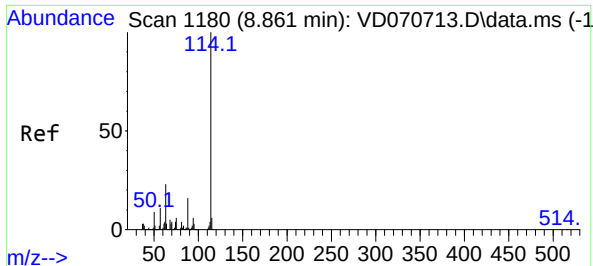
Tgt Ion:168 Resp: 408788
Ion Ratio Lower Upper
168 100
99 61.0 51.4 77.0



#33
1,2-Dichloroethane-d4
Concen: 55.687 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD070735.D
Acq: 18 Oct 2021 17:40

Tgt Ion: 65 Resp: 269624
Ion Ratio Lower Upper
65 100
67 53.6 0.0 110.2

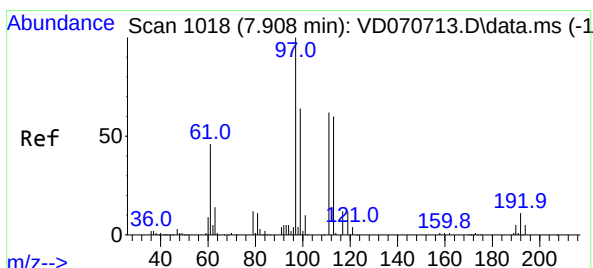
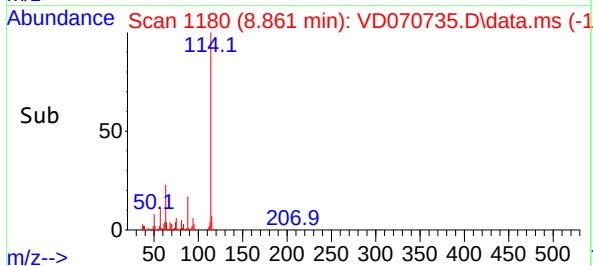
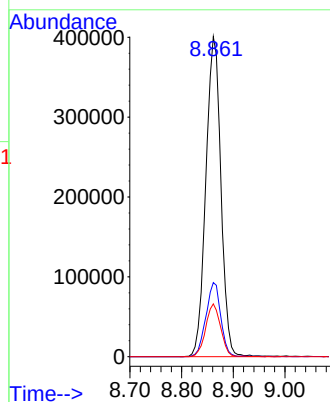
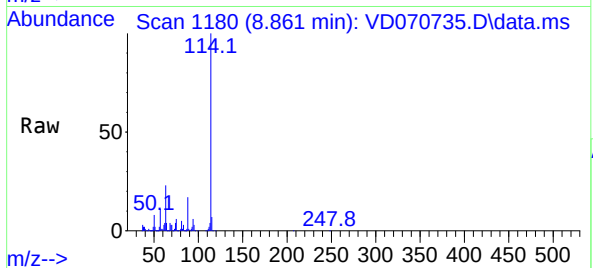




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070735.D
Acq: 18 Oct 2021 17:40

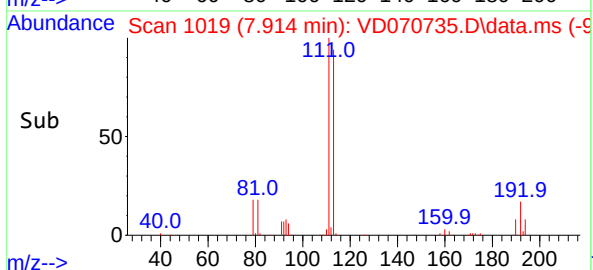
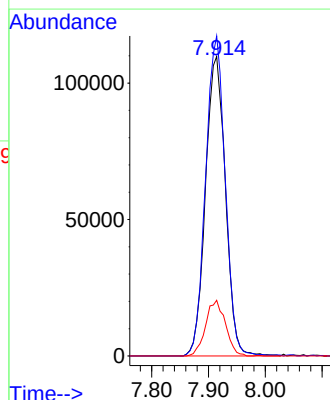
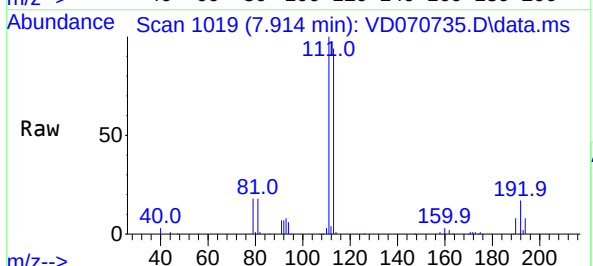
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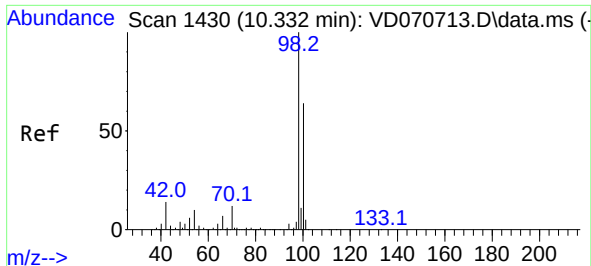
Tgt Ion:	114	Resp:	809920
Ion Ratio	Lower	Upper	
114	100		
63	23.2	0.0	41.8
88	16.5	0.0	32.6



#35
Dibromofluoromethane
Concen: 51.557 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.006 min
Lab File: VD070735.D
Acq: 18 Oct 2021 17:40

Tgt Ion:	113	Resp:	267375
Ion Ratio	Lower	Upper	
113	100		
111	105.0	83.1	124.7
192	18.4	12.7	19.1

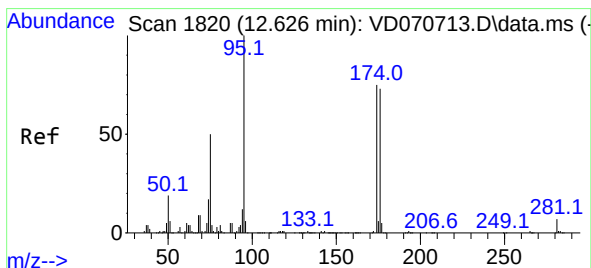
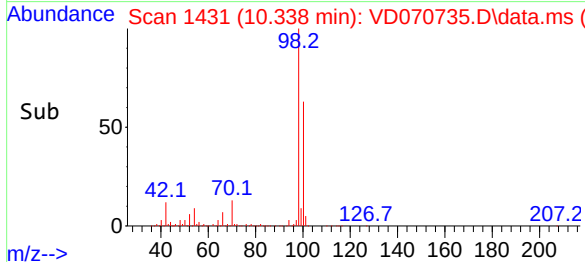
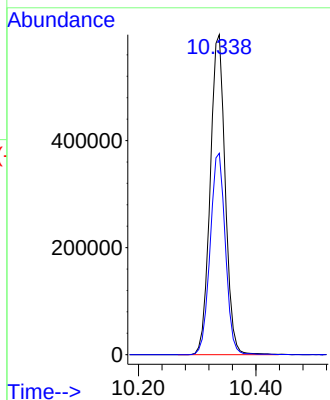
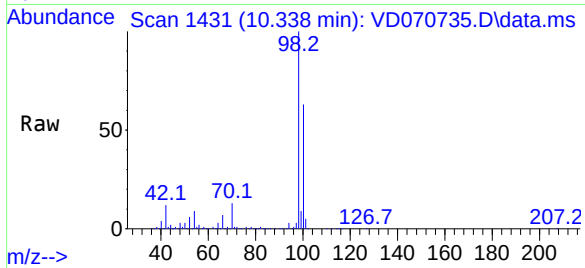




#50
Toluene-d8
Concen: 53.354 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070735.D
Acq: 18 Oct 2021 17:40

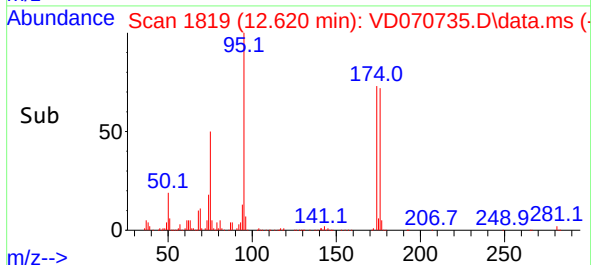
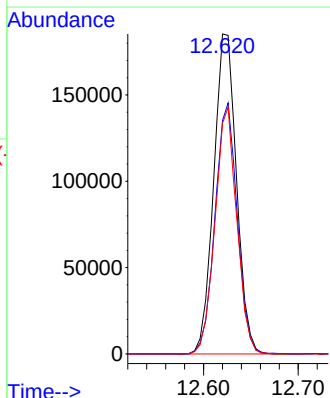
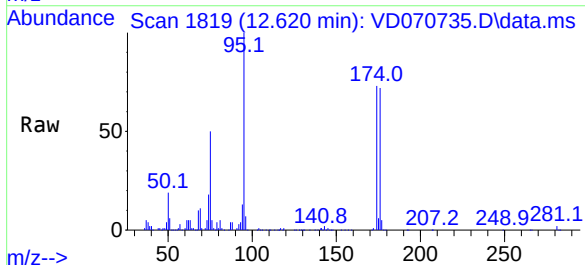
Instrument :
MSVOA_D
ClientSampleId :
454BASIN-20211014

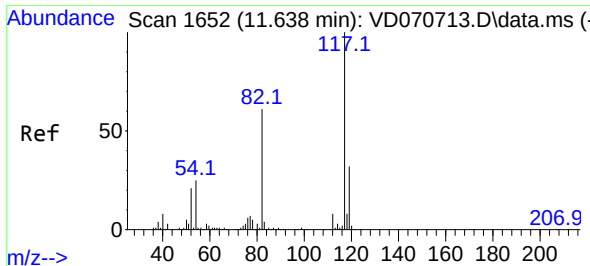
Tgt Ion: 98 Resp: 1060664
Ion Ratio Lower Upper
98 100
100 63.8 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 45.179 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070735.D
Acq: 18 Oct 2021 17:40

Tgt Ion: 95 Resp: 309255
Ion Ratio Lower Upper
95 100
174 76.6 0.0 138.0
176 73.5 0.0 135.6



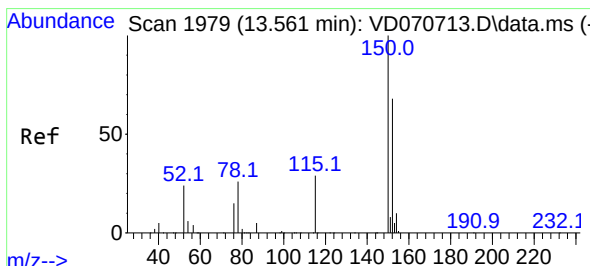
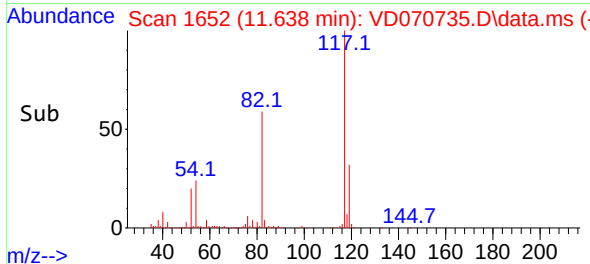
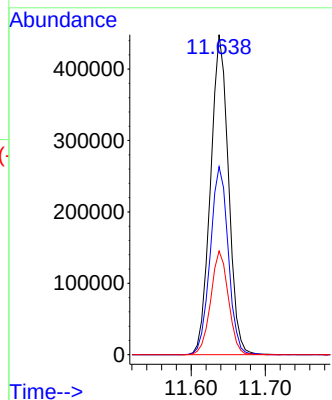
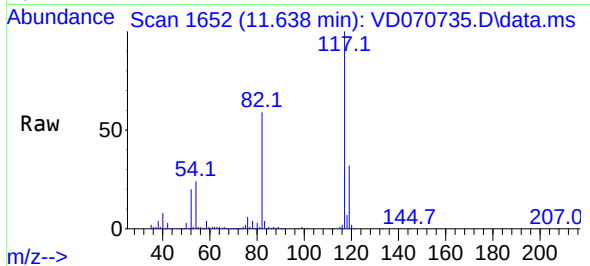


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070735.D
Acq: 18 Oct 2021 17:40

Instrument :
MSVOA_D
ClientSampleId :
454BASIN-20211014

Tgt Ion:117 Resp: 753524

Ion	Ratio	Lower	Upper
117	100		
82	58.8	45.4	68.2
119	32.4	24.7	37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD070735.D
Acq: 18 Oct 2021 17:40

Tgt Ion:152 Resp: 298359

Ion	Ratio	Lower	Upper
152	100		
115	62.0	31.9	95.7
150	157.5	0.0	350.0

